

I am including the English abstract.

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Concentrating soln. of surfactant, partic. alpha sulpho fatty acid alkyl ester - by flash evapn. of soln., sepg. into vapour and conc. soln. mixing part of soln. with raw soln. and flash evaporating

Patent Assignee: LION CORP (LIOY)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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JP 8164301	A	19960625	JP 94332616	A	19941213	199635 B
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Priority Applications (No Type Date): JP 94332616 A 19941213

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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JP 8164301	A	6	B01D-001/00		
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Abstract (Basic): JP 8164301 A

Surfactant soln is concentrated by flash evapn. It is sepd. into vapour and conc. soln. A part of the conc. soln. is circulated and mixed with raw surfactant soln. The mixt. is concentrated by flash evapn. The ratio of the conc. soln. circulated back to the raw surfactant soln. maintained above 8.

The surfactant soln. pref. contains alpha-SF, 1-12C alcohol, and water.

USE/ADVANTAGE - Used for conc. alpha-sulpho fatty acid alkyl ester (alpha-SF) surfactant soln. Higher concn. alpha-SF free of alcohol and odour can be recovered economically.

In an example 100 pts. wt. alpha-SF, 30 pts. wt. MeOH, and 8.6 pts. wt. 35 % H₂O₂ were mixed at 80 deg.C for 20 min. 13.6% NaOH soln. was added to neutralise the mixt. at pH 7. The obtd. aq. soln. contg. alpha-SF was concentrated by flash evapn. at 120 deg.C; 60 % alpha-SF conc. soln. contg. 0.9 wt.% of alcohol was obtd.